

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Not for submission under 37 CFR 1.99)	Application Number		10767825
	Filing Date		2004-01-29
	First Named Inventor	Leigh C. Ward	
	Art Unit	3736	
	Examiner Name	J. M. Foreman	
	Attorney Docket Number	FAK-101.DCC	

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	4	2008064426	WO	A1	2008-06-05	Impedimed Ltd et al.		<input type="checkbox"/>
	5	2006129116	WO	A1	2006-12-07	Sheffield Teaching Hospitals NHS Foundation Trust		<input type="checkbox"/>
	6	2005018432	WO	A2	2005-03-03	Philometron Inc et al.		<input type="checkbox"/>
	7	1997014358	WO	A1	1997-04-24	Aspect Medical Systems Inc		<input type="checkbox"/>
	8	2004047638	WO	A1	2004-06-10	Univ Minnesota et al.		<input type="checkbox"/>

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9	1238630	EP	A2	2002-09-11	Tre Esse Progettazione Biomed		<input type="checkbox"/>
10	1998006328	WO	A1	1998-02-19	R S Medical Monitoring Ltd et al.		<input type="checkbox"/>
11	1553871	EP	A1	2005-07-20	Univ Queensland		<input type="checkbox"/>
12	1112715	EP	A1	2001-07-04	Tanita Seisakusho Kk		<input type="checkbox"/>
13	1996001596	WO	A1	1996-01-25	Reining Int Ltd		<input type="checkbox"/>
14	1247487	EP	A1	2002-10-09	Osyoka Medical GmbH		<input type="checkbox"/>
15	2748928	FR	A1	1997-11-28	Jabourian Arlin Pascal		<input checked="" type="checkbox"/>
16	2112416	RU	C1	1998-06-10	Tekhn et al		<input checked="" type="checkbox"/>
17	1993018821	WO	A1	1993-09-30	Medtronic Inc		<input type="checkbox"/>
18	339471	EP	A2	1989-11-02	Lifecor Inc Pennsylvania Corp		<input type="checkbox"/>
19	2011075769	WO	A1	2011-06-30	Impedimed Ltd et al.		<input type="checkbox"/>



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20	2011050393	WO	A1	2011-05-05	Impedimed Ltd et al.	<input type="checkbox"/>
21	2011022068	WO	A1	2011-02-24	Rutkove, Seward B	<input type="checkbox"/>
22	2009036369	WO	A1	2009-03-19	Corventis Inc et al.	<input type="checkbox"/>
23	2007009183	WO	A1	2007-01-25	Impedance Cardiology Systems I et al.	<input type="checkbox"/>
24	2003116905	JP	A	2003-04-22	Sekisui Chemical Co Ltd	<input checked="" type="checkbox"/>
25	2000107138	JP	A	2000-04-18	Denso Corp et al.	<input checked="" type="checkbox"/>
26	8191806	JP	A	1996-07-30	Sekisui Chemical Co Ltd	<input checked="" type="checkbox"/>
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31	2613524	CA	A1	2007-01-11	Impedance Cardiology Systems I		<input type="checkbox"/>
32	2231038	CA	A1	1999-11-05	Organ, Leslie W		<input type="checkbox"/>
33	2912349	DE	A1	1980-10-16	Liebisch GEB et al.		<input checked="" type="checkbox"/>
34	349043	EP	A2	1990-01-03	Philips Patentverwaltung et al.		<input checked="" type="checkbox"/>
35	377887	EP	A1	1990-07-18	Biofield Corp		<input type="checkbox"/>
36	1114610	EP	A1	2001-07-11	Tanita Seisakusho KK		<input type="checkbox"/>
37	1146344	EP	A1	2001-10-17	Matsushita Electric Ind Co Ltd et al.		<input type="checkbox"/>
38	1177760	EP	A1	2002-02-06	Tanita Seisakusho KK		<input type="checkbox"/>
39	1219937	EP	A1	2002-07-03	Tanita Seisakusho KK		<input type="checkbox"/>
40	1338246	EP	A1	2003-08-27	Tanita Seisakusho KK		<input type="checkbox"/>
41	1452131	EP	A1	2004-09-01	Tanita Seisakusho KK		<input type="checkbox"/>

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42	249823	EP	A1	1987-12-23	Siemens AG	<input checked="" type="checkbox"/>
43	357309	EP	A2	1990-03-07	Bi Inc	<input type="checkbox"/>
44	869360	EP	A2	1998-10-07	NTE S A	<input checked="" type="checkbox"/>
45	2486386	FR	A1	1982-01-15	Argamakoff Alexis	<input checked="" type="checkbox"/>
46	2131558	GB	A	1984-06-20	Farrer Waller et al.	<input type="checkbox"/>
47	2260416	GB	A	1993-04-14	Smiths Industries PLC	<input type="checkbox"/>
48	9220209	JP	A	1997-08-26	Sekisui Chemical Co Ltd	<input checked="" type="checkbox"/>
49	10014898	JP	A	1998-01-20	Sekisui Chemical Co Ltd	<input checked="" type="checkbox"/>
50	10014899	JP	A	1998-01-20	Sekisui Chemical Co Ltd	<input checked="" type="checkbox"/>

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1	European Search Report for EP 07718972.8 - 1265 / 2020918 (Impedimed, Ltd.), mailed on Mar. 2, 2010, 4 pages.	<input type="checkbox"/>
2	Brown et al.; Relation between tissue structure and imposed electrical current flow in cervical neoplasia; The Lancet; March 11, 2000; Volume 355, Issue 9207; Pages 892-895	<input type="checkbox"/>
3	Derwent; Abstract No. 98-138542, JP 10 014899 A (Sekisui Chem, Ind. Co. Ltd.), Feb. 20, 1998; Abstract.	<input type="checkbox"/>
4	Ellis et al.; Human hydrometry: comparison of multifrequency bioelectrical impedance with 2H2O and bromine dilution; Journal of Applied Physiology; 1998; 85(3): 1056-1062	<input type="checkbox"/>
5	Jones et al.; Extracellular fluid volume determined by bioelectrical impedance and serum albumin in CAPD patients; Nephrology Dialysis Transplantation; 1998; 13: 393-397	<input type="checkbox"/>
6	Thomas B.J.; Future technologies; Asia Pacific Journal Clinical Nutrition; 1995; 4: 157-159	<input type="checkbox"/>
7	Schneider, I.; Broadband signals for electrical impedance measurements for long bone fractures; Engineering in Medicine and Biology Society, 1996. Bridging Disciplines for Biomedicine. Proceedings of the 18th Annual International Conference of the IEEE; Oct. 31, 1996; 5: 1934-1935	<input type="checkbox"/>
8	Woodrow et al.; Effects of icodextrin in automated peritoneal dialysis on blood pressure and bioelectrical impedance analysis; Nephrology Dialysis Transplantation; 2000; 15: 862-866	<input type="checkbox"/>
9	Boulter et al.; Fat-Free Mass Estimation by Two Electrode Impedance Method; American Journal of Clinical Nutrition; 1990; 52: 581-585	<input type="checkbox"/>
10	McDougal et al.; Body Composition Measurements from Whole Body Resistance and Reactance; Surgical Forum, 1986; 36: 43-44	<input type="checkbox"/>
11	Tedner, B.; Equipment using Impedance Technique for Automatic Recording of Fluid-Volume Changes during Hemodialysis; Medical & Biological Engineering & Computing; 1983; 285-290	<input type="checkbox"/>

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12	Lukaski et al ; Estimation of Body Fluid Volumes using Tetrapolar Bioelectrical Impedance Measurements; Aviation, Space, and Environmental Medicine; Dec. 1988; 1163-1169	<input type="checkbox"/>
13	Lozano et al ; Two-frequency impedance plethysmograph: real and imaginary parts; Medical & Biological Engineering & Computing; Jan. 1990; 28(1): 38-42	<input type="checkbox"/>
14	Chaudary et al ; Dielectric Properties of Normal & Malignant Human Breast Tissues at Radiowave and Microwave Frequencies; Indian Journal of Biochemistry & Biophysics; 1984; 21(1): 76-79	<input type="checkbox"/>
15	Jossinet et al.; A study for breast imaging with a circular array of impedance electrodes; Proc. Vth Int. Conf. Bioelectrical Impedance, 1981, Tokyo, Japan; 1981; 83-86	<input type="checkbox"/>
16	Jossinet et al.; Technical Implementation and Evaluation of a Bioelectrical Breast Scanner; Proc. 10.supth Int. Conf. IEEE Engng. Med. Biol., 1988, New Orleans, USA (Imped. Imaging II); 1988; 1: 289	<input type="checkbox"/>
17	Man et al.; Results of Preclinical Tests for Breast Cancer Detection by Dielectric Measurements; XII Int. Conf. Med. Biol. Engng. 1979, Jerusalem, Israel. Springer Int., Berlin; 1980; Section 30.4	<input type="checkbox"/>
18	Pethig et al.; The Passive Electrical Properties of Biological Systems: Their Significance in Physiology, Biophysics and Biotechnology; Physics in Medicine and Biology; 1987; 32: 933-970	<input type="checkbox"/>
19	Piperno et al.; Breast Cancer Screening by Impedance Measurements; Frontiers of Medical & Biological Engineering; 1990; 2: 111-117	<input type="checkbox"/>
20	Skidmore et al., A Data Collection System for Gathering Electrical Impedance Measurements from the Human Breast; Clinical Physics Physiological Measurement; 1987; 8: 99-102	<input type="checkbox"/>
21	Sollish et al.; Microprocessor-assisted Screening Techniques; Israel Journal of Medical Sciences; 1981; 17: 859-864	<input type="checkbox"/>
22	Surowiec et al., Dielectric Properties of Breast Carcinoma and the Surrounding Tissues; IEEE Transactions on Biomedical Engineering; 1988; 35: 257-263	<input type="checkbox"/>

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23	Al-Hatib, F.; Patient Instrument Connection Errors in Bioelectrical Impedance Measurement; Physiological Measurement, May 2, 1996; 19(2): 285-296	<input type="checkbox"/>
24	Gersing, E.; Impedance Spectroscopy on Living Tissue for Determination of the State of Organs; Bioelectrochemistry and Bioenergetics; 1998; 45: 145-149	<input type="checkbox"/>
25	Mattar, J.A.; Application of Total Body Impedance to the Critically Ill Patient; New Horizons; 1996; 4(4): 493-503	<input type="checkbox"/>
26	Ott et al.; Bioelectrical Impedance Analysis as a Predictor of Survival in Patients with Human Immunodeficiency Virus Infection; Journal of Acquired Immune Deficiency Syndromes and Human Retrovirology; 1995; 9: 20-25	<input type="checkbox"/>
27	Thomas et al.; Bioelectrical impedance analysis for measurement of body fluid volumes - A review; Journal of Clinical Engineering; 1992; 17(16): 505-510	<input type="checkbox"/>
28	Ward et al.; There is a better way to measure Lymphedema; National Lymphedema Network Newsletter; Oct. 1995; 7 (4): 89-92	<input type="checkbox"/>
29	Cornish et al.; Alteration of the extracellular and total body water volumes measured by multiple frequency bioelectrical impedance analysis; Nutrition Research; 1994; 14(5): 717-727	<input type="checkbox"/>
30	Cornish et al.; Early diagnosis of lymphedema using multiple frequency bioimpedance; Lymphology; Mar. 2001; 34: 2-11	<input type="checkbox"/>
31	Cornish et al.; Early diagnosis of lymphoedema in postsurgery breast cancer patients; Annals New York Academy of Sciences, May 2000; 571-575	<input type="checkbox"/>
32	Brown et al.; Relation between tissue structure and imposed electrical current flow in cervical neoplasia, The Lancet; March 11, 2000; 355 (9207): 892-895	<input type="checkbox"/>
33	Iacobellis, G. et al.; Influence of excess fat on cardiac morphology and function: Study in Uncomplicated obesity, Obesity Research; August 8, 2002; 10 (8): 767-773	<input type="checkbox"/>

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34	Bella, J. N. et al.; Relations of left ventricular mass to fat-free and adipose body mass; The Strong Heart Study; Circulation; December 12, 1996; 98: 2538-2544	<input type="checkbox"/>
35	Yoshinaga, M. et al.; Effect of total adipose weight and systemic hypertension on left ventricular mass in children; American Journal of Cardiology; October 15, 1995; 76: 785-787	<input type="checkbox"/>
36	Karason, K. et al.; Impact of blood pressure and insulin on the relationship between body fat and left ventricular structure; European Heart Journal; January 1, 2003; 24: 1500-1505	<input type="checkbox"/>
37	Abdullah M. Z.; Simulation of an inverse problem in electrical impedance tomography using resistance electrical network analogues; International Journal of Electrical Engineering Education; October 1999; 36 (4): 311-324	<input type="checkbox"/>
38	Dines et al.; Analysis of electrical conductivity imaging; Geophysics; July 1981; 46 (7): 1025-1036	<input type="checkbox"/>
39	Osterman et al.; Multifrequency electrical impedance imaging: preliminary in vivo experience in breast; Physiological Measurement; February 2000; 21 (1): 99-109	<input type="checkbox"/>
40	Ward et al.; Determination of Cole parameters in multiple frequency bioelectrical impedance analysis using only the measurement of impedances; Four-frequency fitting; Physiological Measurement; September 2006; 27 (9): 839-850	<input type="checkbox"/>
41	Bernstein; A new stroke volume equation for thoracic electrical bio impedance; Critical Care Medicine; 1996; vol 14; pp. 904-909	<input type="checkbox"/>
42	McAdams et al.; Tissue Impedance: a historical overview; Physiological Measurement, Institute of Physics Publishing, Bristol, GB, 16 (3A); pp. A1-A13; 1 Aug 1995	<input type="checkbox"/>

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- ☒ See attached certification statement.
- ☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
- ☐ None

**SIGNATURE**

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Roger C. Hahn/	Date (YYYY-MM-DD)	2011-11-14
Name/Print	Roger C. Hahn	Registration Number	46376

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